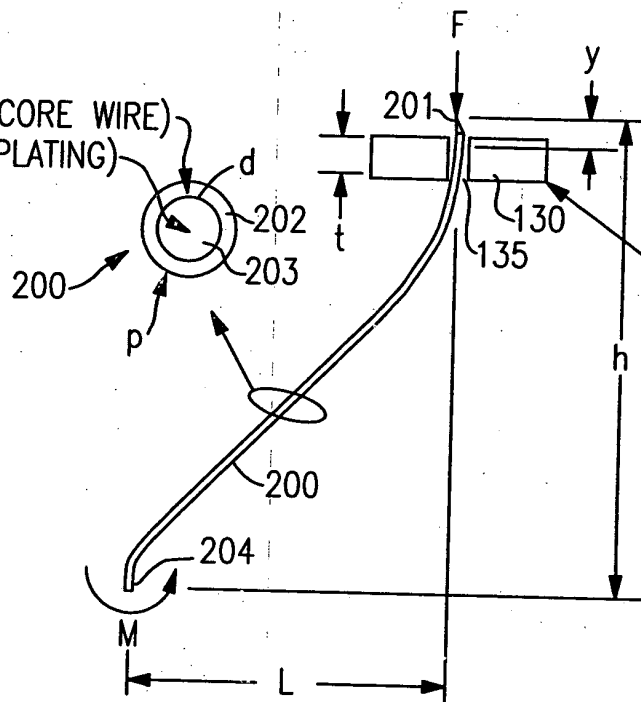
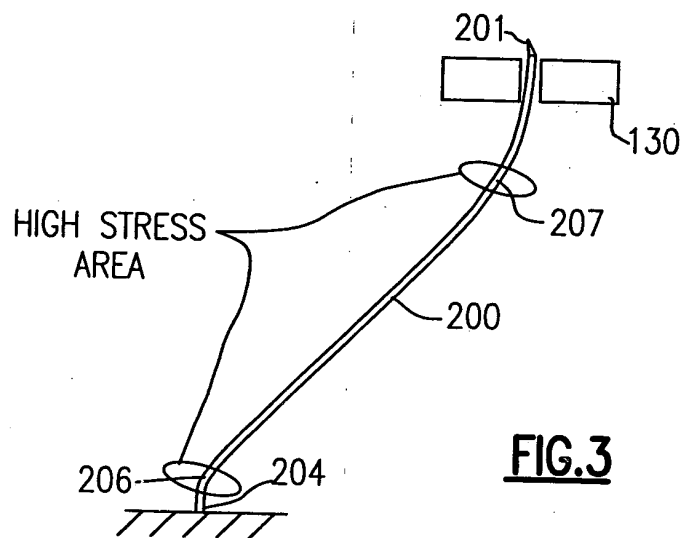


$E$ (MODULUS OF CORE WIRE)  
 $E_p$ (MODULUS OF PLATING)

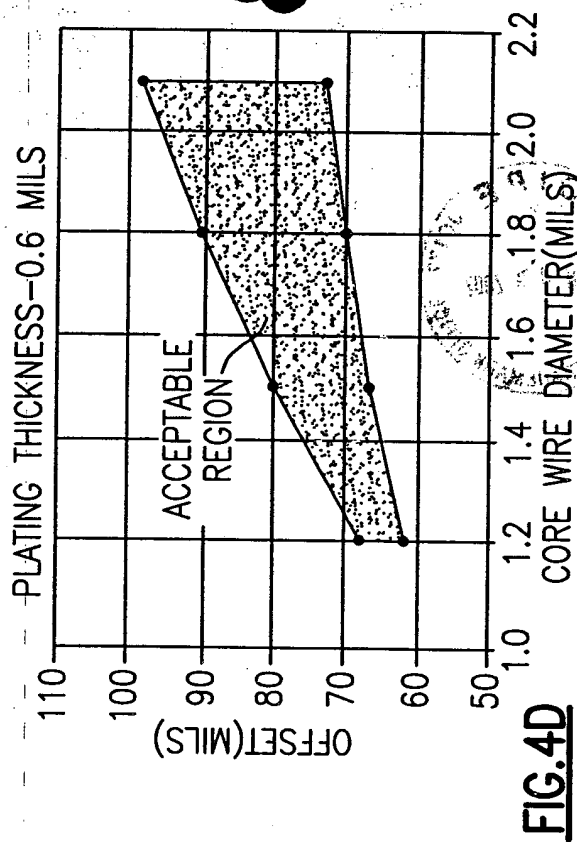
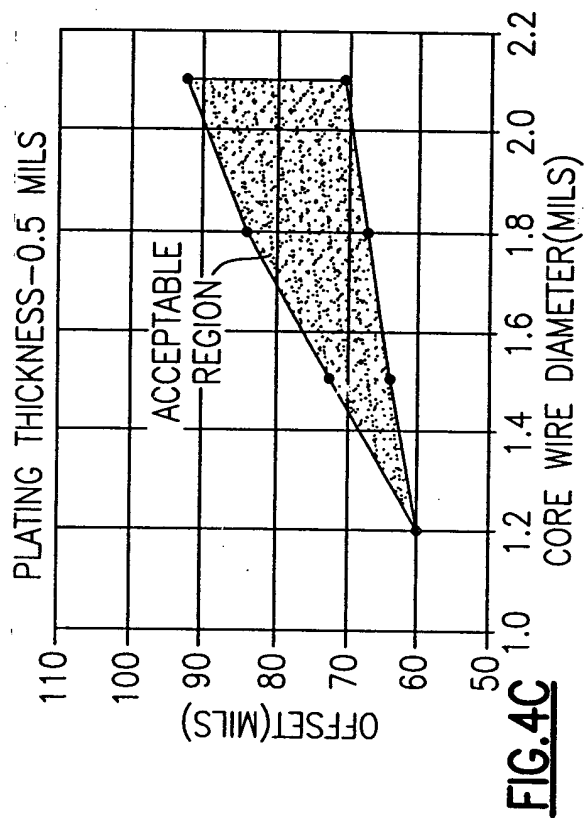
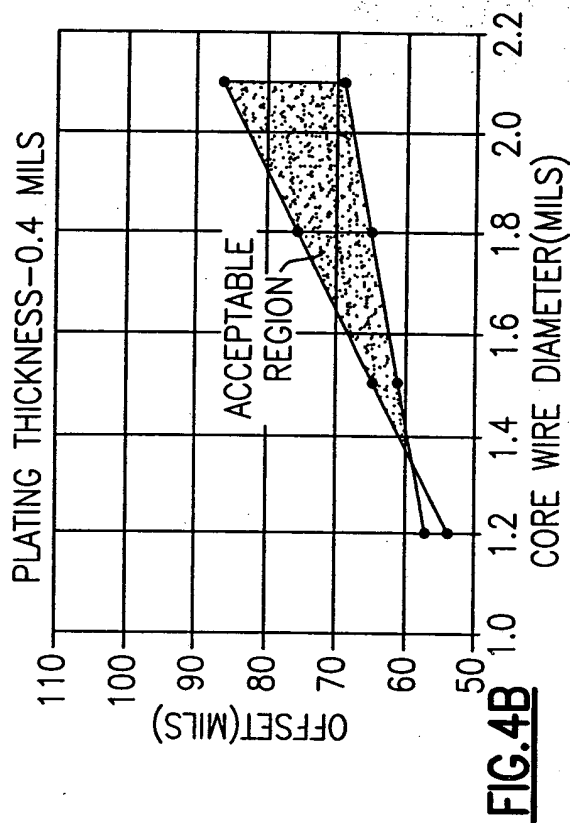
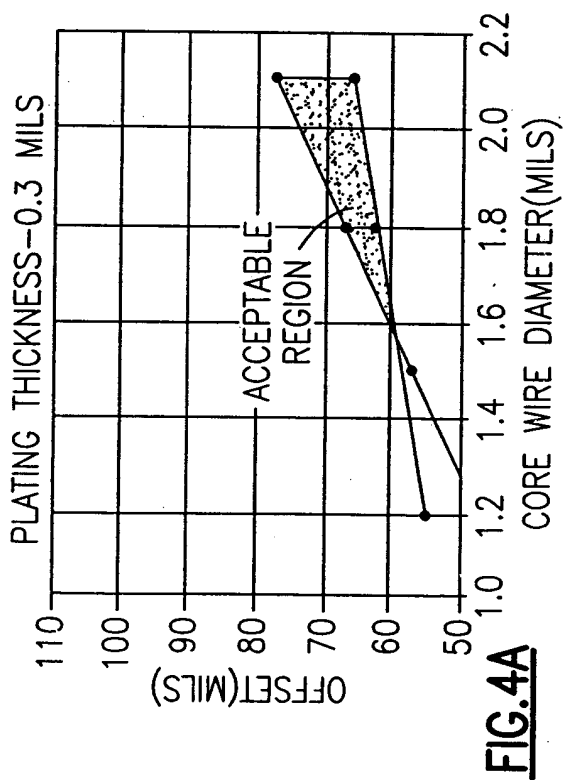


**FIG. 2**



**FIG. 3**

600 196000



A 3D surface plot showing the maximum stress distribution. The vertical axis is labeled "MAX 100 ksi STRESS". The horizontal axes are "WIRE DIAMETER (MILS)" ranging from 0.25 to 1.0 and "PLATING THK (MILS)" ranging from 0.40 to 0.60. The depth axis is "OFFSET (MILS)" ranging from 40 to 110. The surface shows a peak in stress at the highest wire diameter and plating thickness values.

A circular postmark from New York, dated May 10, 1904. The text "NEW YORK" is curved along the top, "MAY 10" is in the center, and "1904" is curved along the bottom.